

| L Number | Hits  | Search Text  | DB                   | Time stamp       |
|----------|-------|--|----------------------|------------------|
| 1        | 571   | ((427/453) or (427/454)).CCLS.   | USPAT;<br>US-PGPUB   | 2004/07/29 08:41 |
| 2        | 1     | ("6387456").PN.  | USPAT;<br>US-PGPUB   | 2004/07/29 08:42 |
| 3        | 1     | ((427/453) or (427/454)).CCLS.) and<br>(vertical with crack with density)  | USPAT;<br>US-PGPUB   | 2004/07/29 08:43 |
| 4        | 8     | ((427/453) or (427/454)).CCLS.) and<br>(vertical with crack)   | USPAT;<br>US-PGPUB   | 2004/07/29 08:44 |
| 5        | 15729 | (thermal or flame or plasma or arc) near3<br>(spray or sprayed or spraying)  | USPAT;<br>US-PGPUB   | 2004/07/29 08:45 |
| 6        | 16132 | (thermal or flame or plasma or arc) near3<br>(spray or sprayed or spraying)  | EPO; JPO;<br>DERWENT | 2004/07/29 08:45 |
| 7        | 5     | ((thermal or flame or plasma or arc) near3<br>(spray or sprayed or spraying)) and<br>((vertical near2 crack) or (crack near2<br>density))  | EPO; JPO;<br>DERWENT | 2004/07/29 09:15 |
| 8        | 60    | ((thermal or flame or plasma or arc) near3<br>(spray or sprayed or spraying)) and<br>((vertical near2 crack) or (crack near2<br>density))  | USPAT;<br>US-PGPUB   | 2004/07/29 09:30 |
| 9        | 1     | ("5780171").PN.  | USPAT                | 2004/07/29 09:07 |
| 10       | 57    | (tbc or (gas adj turbine) or (thermal adj<br>barrier)) and ((vertical near2 crack) or<br>(crack near2 density))  | USPAT;<br>US-PGPUB   | 2004/07/29 09:50 |
| 11       | 33    | ((tbc or (gas adj turbine) or (thermal adj<br>barrier)) and ((vertical near2 crack) or<br>(crack near2 density))) and ((particle or<br>powder) with (size or distribution or<br>density))  | USPAT;<br>US-PGPUB   | 2004/07/29 09:09 |
| 12       | 491   | ((vertical near2 crack) or (crack near2<br>density))   | EPO; JPO;<br>DERWENT | 2004/07/29 09:15 |
| 13       | 13    | ((vertical near2 crack) or (crack near2<br>density)) and ((particle or powder) near3<br>(size or distribution or density))   | EPO; JPO;<br>DERWENT | 2004/07/29 09:16 |
| 14       | 3     | ("5780171") or ("5073433") or<br>("5743013").PN.   | USPAT                | 2004/07/29 09:27 |
| 15       | 14    | 5780171.URPN.  | USPAT                | 2004/07/29 09:27 |
| 16       | 7     | 5743013.URPN.  | USPAT                | 2004/07/29 09:28 |
| 17       | 29    | 5073433.URPN.  | USPAT                | 2004/07/29 09:28 |
| 18       | 23    | ((thermal or flame or plasma or arc) near3<br>(spray or sprayed or spraying)) and<br>((vertical near2 microcrack) or (microcrack<br>near2 density))  | USPAT;<br>US-PGPUB   | 2004/07/29 09:31 |
| 19       | 15    | ((thermal or flame or plasma or arc) near3<br>(spray or sprayed or spraying)) and<br>((vertical near2 microcrack) or (microcrack<br>near2 density))) not (((thermal or flame or<br>plasma or arc) near3 (spray or sprayed or<br>spraying)) and ((vertical near2 crack) or<br>(crack near2 density)))   | USPAT;<br>US-PGPUB   | 2004/07/29 09:38 |
| 20       | 51    | ((thermal or flame or plasma or arc) near3<br>(spray or sprayed or spraying)) and ((crack<br>or microcrack) with (powder or particle)<br>with (size or distribution or range))   | USPAT;<br>US-PGPUB   | 2004/07/29 09:49 |
| 21       | 172   | ((thermal or flame or plasma or arc) near3<br>(spray or sprayed or spraying)) and ((crack<br>or microcrack) same ((powder or particle)<br>with (size or distribution or range)))   | USPAT;<br>US-PGPUB   | 2004/07/29 09:50 |
| 22       | 121   | ((thermal or flame or plasma or arc) near3<br>(spray or sprayed or spraying)) and ((crack<br>or microcrack) same ((powder or particle)<br>with (size or distribution or range))) not<br>(((thermal or flame or plasma or arc) near3<br>(spray or sprayed or spraying)) and ((crack<br>or microcrack) with (powder or particle)<br>with (size or distribution or range))) | USPAT;<br>US-PGPUB   | 2004/07/29 09:50 |

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| 23 | 17 | (tbc or (gas adj turbine) or (thermal adj barrier)) and (((thermal or flame or plasma or arc) near3 (spray or sprayed or spraying)) and ((crack or microcrack) same ((powder or particle) with (size or distribution or range)))) not (((thermal or flame or plasma or arc) near3 (spray or sprayed or spraying)) and ((crack or microcrack) with (powder or particle) with (size or distribution or range)))) | USPAT;<br>US-PGPUB | 2004/07/29 09:52 |
| 24 | 2  | ((("5869146") or ("4608232")).PN.  | USPAT              | 2004/07/29 09:52 |
| 25 | 8  | 5869146.URPN.  | USPAT              | 2004/07/29 09:53 |